

Converting Colors

Hex(23C9DA)

Have a look what the booklet for
Hex(23C9DA) contains.

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Color

Hex(23C9DA)

Conversions

Conversions Part 1

Format	Color
Hex	23C9DA
RGB	35, 201, 218
RGB Percent	14%, 79%, 85%
CMY	0.8627, 0.2118, 0.1451
CMYK	0.84, 0.08, 0.00, 0.15
HSL	186°, 72%, 50%
HSV	186°, 84%, 85%
XYZ	34.2347, 47.1926, 73.6344
YIQ	153.3040, -104.3930, -29.9050

Conversions

Conversions Part 2

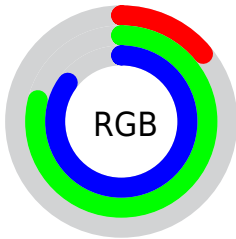
Format	Color
R_{YB}	35, 122, 218
Decimal	2345434
CIE _{Lab}	74.31, -33.53, -19.84
CIE _{LCh}	74, 38.958, 210.614
Yxy	47.1926, 0.2208, 0.3043
Android (android.graphics.Color)	4280535514 (0xFF23C9DA)
YUV	153.3040, 31.8951, -103.7526
Hunter-Lab	68.6968, -31.2651, -15.4636

Details

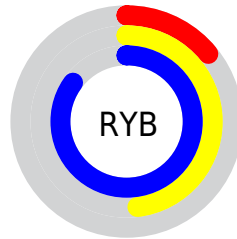
The Hex color **23C9DA** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **DA3423**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **75FFFF**, and **0092A3** is the 20% darker color. If you saturate the color by 10%, you get **0DC7DA**, and if you desaturate by 10%, it is **39CBDA**.

Distribution



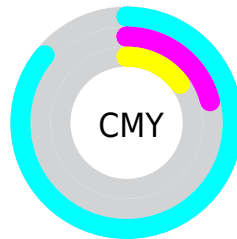
- Red (14%)
- Green (79%)
- Blue (85%)



- Red (14%)
- Yellow (48%)
- Blue (85%)



- Cyan (84%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (86%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23C9DA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 23C9DA by changing the saturation by 10% instead.

 23C9DA

 23C9DA

FFFFFF

 00ADBE

 75FFFF

 0092A3

 95FFFF

 007889

 B4FFFF

 005F6F

 D4FFFF

 004757

 F3FFFF

 002F40

 00192A

 000115

 000000

■ 23C9DA

■ 23C9DA

■ 0DC7DA

■ 39CBDA

■ 00C6DA

■ 4FCDDA

■ 64CFDA

■ 7AD1DA

■ 90D3DA

■ A6D5DA

■ BCD7DA

■ D1D9DA

■ E7DBDA

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4ECAB6



23C9DA



46C4F4

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23C9DA



E5A1DA



CEB56F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



23C9DA



DA3423

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EBA879



23C9DA



FA9BB7

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



23C9DA



BCADF4



FB9E94



A8C078

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



23C9DA



70BEFD



FB9E94



D9B170

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



23C9DA



BFF9FF



23DA32



597C80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23C9DA



00E7FF



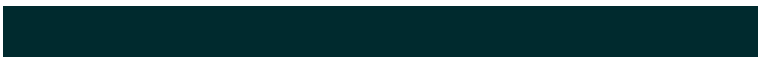
236FDA



636D6E



009DAD



002A2E

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DA23C9



FF00E7



DA8E23



6E636D



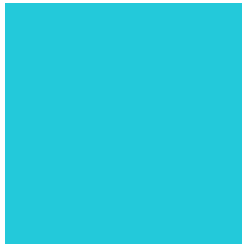
AD009D



2E002A

Previews

White Background



This preview shows how the Hex color 23C9DA looks on a white background.

Color Contrast Check

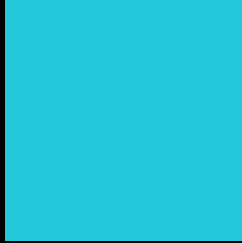
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 23C9DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

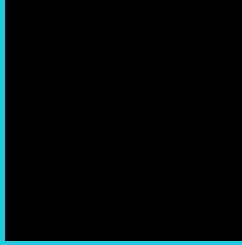
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 23C9DA Background



This preview shows how black text looks on a background with the Hex color 23C9DA.

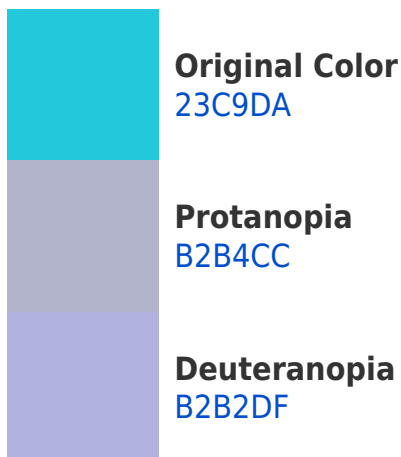


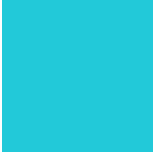
This preview shows how white text looks on a background with the Hex color 23C9DA.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

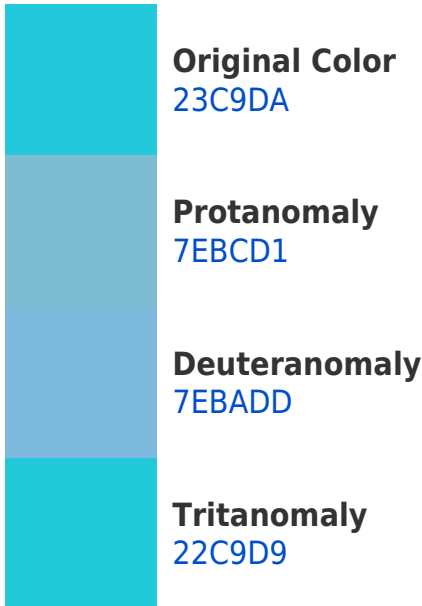
Dichromacy



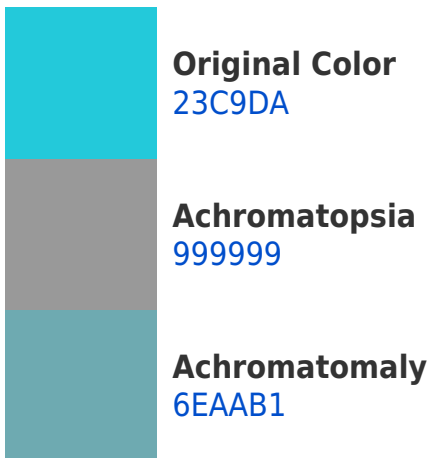


Tritanopia
22C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23C9DA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #23C9DA looks like.

```
.text, #text, p{  
    color:#23C9DA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #23C9DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23C9DA
}
```

Border

The CSS property to change the border of an element to Hex 23C9DA is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#23C9DA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#23C9DA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #23C9DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23C9DA; -webkit-box-shadow:4px 4px  
4px 4px #23C9DA; box-shadow:4px 4px 4px  
4px #23C9DA }
```

Background

The CSS property to change the background color of an element to Hex 23C9DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23C9DA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#23C9DA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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